

Radeloff – Multi-scale DHIs and Bird Biodiversity

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- The Dynamic Habitat Indices (DHIs) capture three aspects of annual productivity: cumulative (green, minimum (blue), and variation (red))
- Across the US, the DHIs explain bird species richness in various guilds well
- Here we ask how scale, both resolution and extent, affects DHIs-Biodiversity relationships
- Ultimately we will develop new multi-scale habitat indices (Curious? See my poster!)
- Initial results are exciting
- Different satellite sensors capture DHIs at different resolution nicely
- For some grassland birds, texture of fine 3-m resolution DHIs is best, but not for shrubland or forest birds

